

**DETAILED ACTION**

- This application is a 371 of PCT/IB2004/001013. Claims 1-9 are pending with the application.
- Applicant's election with traverse of Gp-I, Claims 1-7 in the reply filed on 04/19/2010 is acknowledged. The traversal is on the ground(s) that the right for filing of divisional/continuation be protected. The requirement is still deemed proper and is therefore made **FINAL**.
- The examiner has considered the IDS filed 09/25/2006 and the documents cited therein.
- The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609.04(a) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Janet Cord on 06/29/2010.

The application has been amended as follows:

**In Claim-5, Line 1, AFTER 'wherein' INSERT -the--**

**Cancel Claims 8-9**

**END OF THE AMENDMENT**

The Claim-5 was amended to provide antecedent basis for the HTSC.

The claims 8-9 were cancelled with intent to file continuation/divisional application.

### REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

- Claims 1-7 are allowed.

The documents cited in the IDS and the search report were considered. A detailed search for the instant claimed method was carried out that did not result in any prior art that either teaches or fairly suggest applicant's method of making the superconductor joint by a combination of the method steps, the components processed and the process steps.

The closest prior art by Mitsui (JP 06-163255) teaches making a superconductor connection part by wrapping an Ag-foil (2) with slits (3) over the BSCCO rod at its end (1), CIP-ing the structure, depositing silver paste over the slits followed by sintering (Abstract). Sumitomo (JP 05-043341) teaches a method of making superconductor joint by providing a bare oxide superconductor (4), coating a first layer of Ag (5), wrapping a foil of Ag (6) (Fig-4, Abstract; P 006-10) and sintering the combination. Sumitomo (JP 06-140234) teaches a method of making superconductor lead by providing graded grooves (3) at the end periphery of the superconductor, and depositing silver over the grooves (2) by spraying metal. None of the prior art of record either solely or in combination teaches or fairly suggests applicant's method of making the superconducting joint by a combination of the method steps, the components processed and the process steps.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KALLAMBELLA VIJAYAKUMAR whose telephone number is (571)272-1324. The examiner can normally be reached on M-F 07-3.30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stanley Silverman can be reached on 5712721358. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KMV/  
June 30, 2010.

/Stanley Silverman/  
Supervisory Patent Examiner, Art Unit 1793

